



I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231 on 12-17-01 (Date).

Typed or printed name: RITA M. JORDAN

Signature: Rita M. Jordan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jiang et al.

: Group Art Unit: 1742

Application No. 09/682,630

: Examiner: A. Wessman

Filed: October 1, 2001

: Response to Paper No. 3

For: **Rhodium, Platinum, Palladium Alloy**

TECHNOLOGY CENTER 1700

JAN 29 2002

RECEIVED

AMENDMENT UNDER 37 CFR 1.111

Assistant Commissioner for Patents
Washington, DC 20231

S I R:

In response to the Office Action dated 11/23/01, please amend the above-identified application as follows.

IN THE SPECIFICATION

Please amend the specification as follows:

Abstract

91
An alloy and a gas turbine engine component comprising an alloy, the alloy consisting essentially of rhodium, platinum, and palladium, wherein the alloy comprises a microstructure that is essentially free of L12 – structured phase at a temperature greater than about 1000°C.

Paragraph beginning on page 2, line 15

92
The present invention provides several embodiments that address this need. One embodiment is an alloy consisting essentially of rhodium, platinum, and palladium, wherein the alloy comprises a microstructure that is essentially free of L12 – structured phase at a temperature greater than about 1000°C.

Paragraph beginning on page 2, line 19

93
A second embodiment is an alloy consisting essentially of from about 5 atomic percent to about 40 atomic percent platinum and the balance comprising rhodium, wherein the alloy further